

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC020320AL\
 Data File : FC045638.D
 Signal(s) : FID1A.CH
 Acq On : 04 Feb 2020 2:02
 Operator : DD\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 20 PPM ALIPHATIC HC STD

Manual Integrations
 APPROVED

Sohil
 2/4/2020 1:42:32 PM

Integration File: autoint1.e
 Quant Time: Feb 04 03:15:55 2020
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Alaphatic EPH 012120.M
 Quant Title : GC Extractables
 QLast Update : Wed Jan 22 04:15:47 2020
 Response via : Initial Calibration
 Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. : 1 ul
 Signal Phase : Rxi-1ms
 Signal Info : 20M x 0.18mm x 0.18um

Compound	R.T.	Response	Conc Units

System Monitoring Compounds			
9) S ortho-Terphenyl (SURR)	11.766	1949055	17.730 ug/ml
Spiked Amount 50.000		Recovery =	35.46%
12) S 1-chlorooctadecane (S...	13.187	1498844	17.239 ug/ml
Spiked Amount 50.000		Recovery =	34.48%
Target Compounds			
1) T n-Nonane (C9)	3.519	1888715	19.527 ug/ml
2) T n-Decane (C10)	4.595	1915196	19.775 ug/ml
3) T A~Naphthalene (C11.7)	6.200	2059666	19.284 ug/ml
4) T n-Dodecane (C12)	6.612	1918681	19.626 ug/ml
5) T A~2-methylnaphthalene...	7.254	2065523	19.269 ug/ml
6) T n-Tetradecane (C14)	8.401	1892764	19.207 ug/ml
7) T n-Hexadecane (C16)	9.997	1868837	18.667 ug/ml
8) T n-Octadecane (C18)	11.435	1847643	18.140 ug/ml
10) T n-Eicosane (C20)	12.740	1809954	17.649 ug/ml
11) T n-Heneicosane (C21)	13.350	1791600	17.309 ug/ml
13) T n-Docosane (C22)	13.935	1758897	17.047 ug/ml
14) T n-Tetracosane (C24)	15.036	1728708	16.636 ug/ml
15) T n-Hexacosane (C26)	16.055	1687995	16.338 ug/ml
16) T n-Octacosane (C28)	17.001	1658921	16.230 ug/ml
17) T n-Tricontane (C30)	17.886	1618168	16.483 ug/ml
18) T n-Dotriacontane (C32)	18.716	1394521	16.759 ug/ml
19) T n-Tetratriacontane (C34)	19.496	1213864	17.153 ug/ml
20) T n-Hexatriacontane (C36)	20.235	1089314	16.989 ug/mlm
21) T n-Octatriacontane (C38)	21.004	1088254	18.606 ug/ml
22) T n-Tetracontane (C40)	21.973	1013025	17.172 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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Acq On : 04 Feb 2020 2:02
Operator : DD\AJ
Sample : 20 PPM ALIPHATIC HC STD
Misc :
ALS Vial : 2 Sample Multiplier: 1

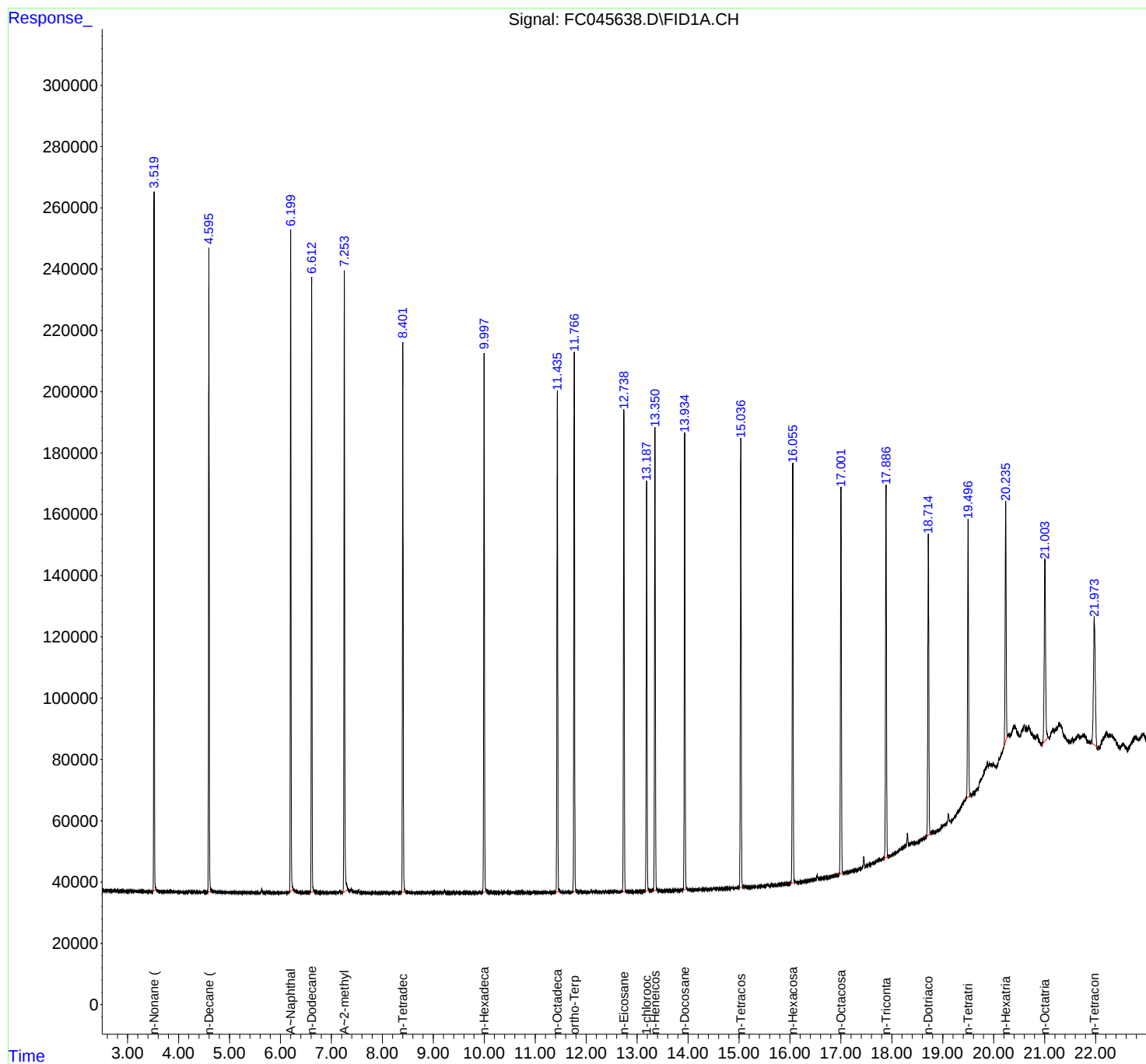
Instrument :
FID_C
ClientSampled :
20 PPM ALIPHATIC HC STD

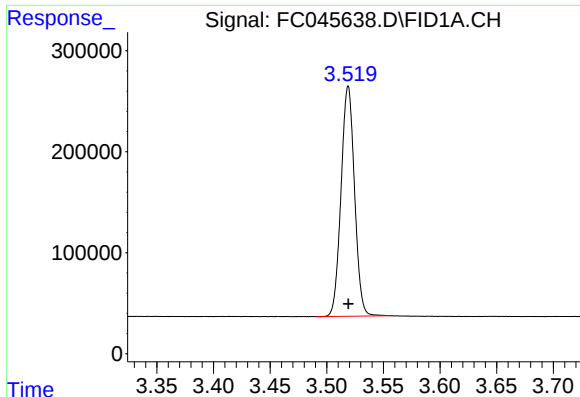
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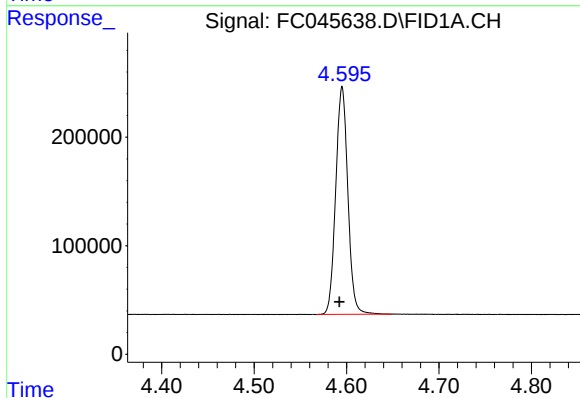
#1 n-Nonane (C9)

R.T.: 3.519 min
Delta R.T.: 0.000 min
Response: 1888715
Conc: 19.53 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD

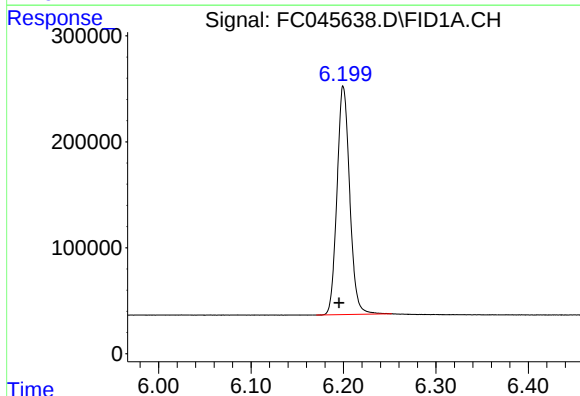
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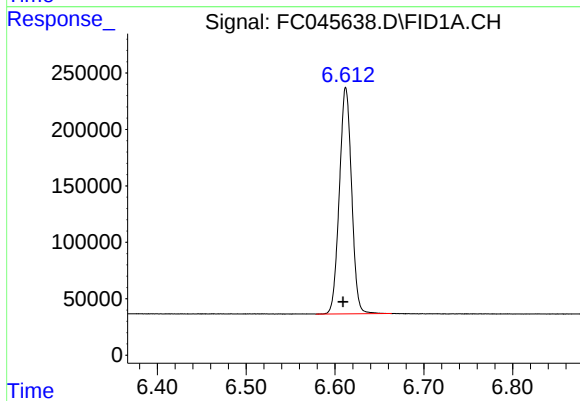
#2 n-Decane (C10)

R.T.: 4.595 min
Delta R.T.: 0.003 min
Response: 1915196
Conc: 19.77 ug/ml



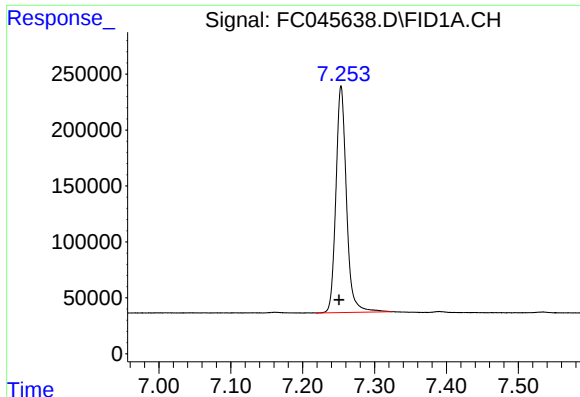
#3 A~Naphthalene (C11.7)

R.T.: 6.200 min
Delta R.T.: 0.005 min
Response: 2059666
Conc: 19.28 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.612 min
Delta R.T.: 0.003 min
Response: 1918681
Conc: 19.63 ug/ml



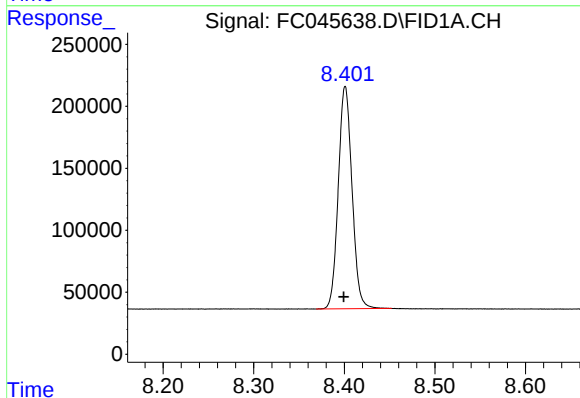
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.254 min
Delta R.T.: 0.003 min
Response: 2065523
Conc: 19.27 ug/ml

Instrument :
FID_C
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20 PPM ALIPHATIC HC STD

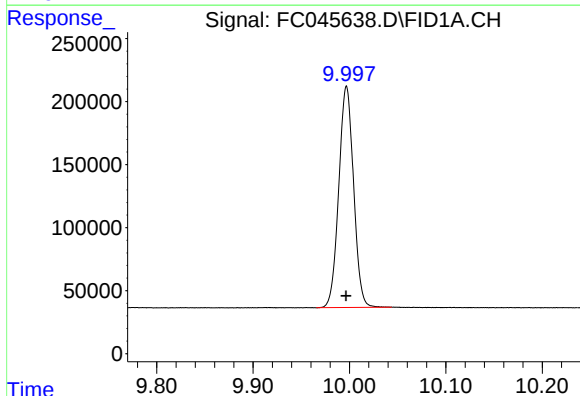
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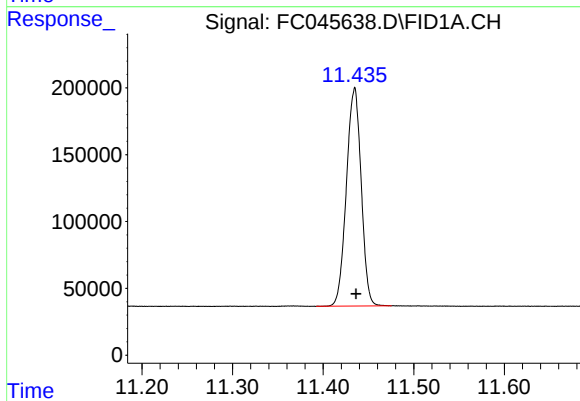
#6 n-Tetradecane (C14)

R.T.: 8.401 min
Delta R.T.: 0.002 min
Response: 1892764
Conc: 19.21 ug/ml



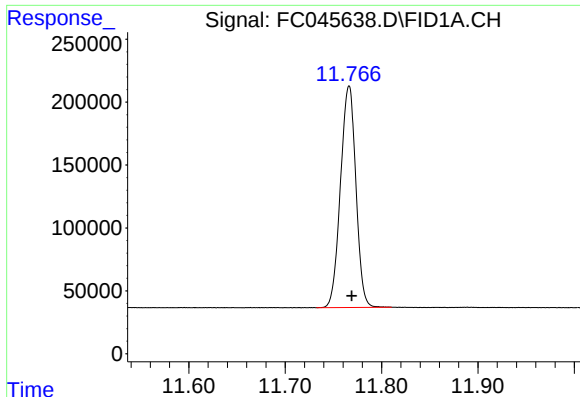
#7 n-Hexadecane (C16)

R.T.: 9.997 min
Delta R.T.: 0.000 min
Response: 1868837
Conc: 18.67 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.435 min
Delta R.T.: -0.001 min
Response: 1847643
Conc: 18.14 ug/ml



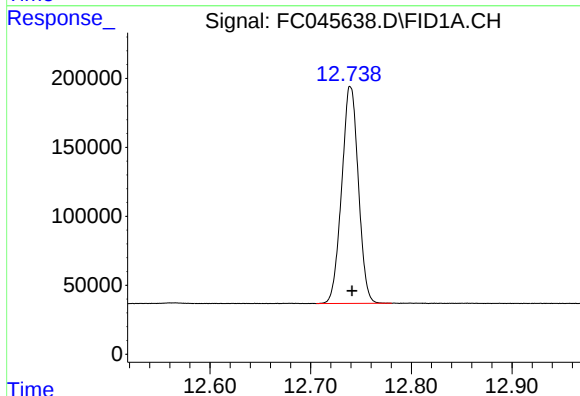
#9 ortho-Terphenyl (SURR)

R.T.: 11.766 min
Delta R.T.: -0.003 min
Response: 1949055
Conc: 17.73 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD

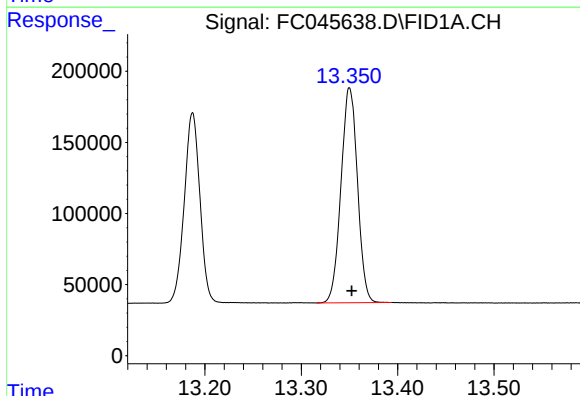
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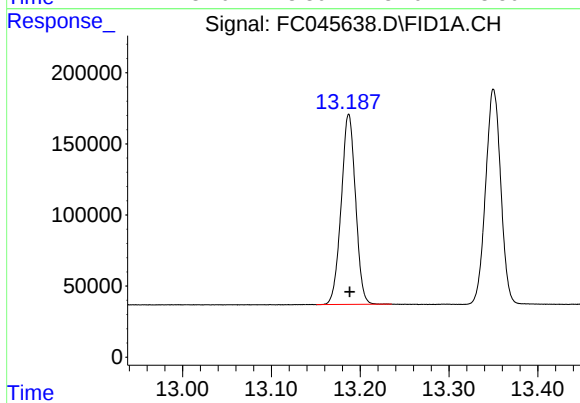
#10 n-Eicosane (C20)

R.T.: 12.740 min
Delta R.T.: -0.002 min
Response: 1809954
Conc: 17.65 ug/ml



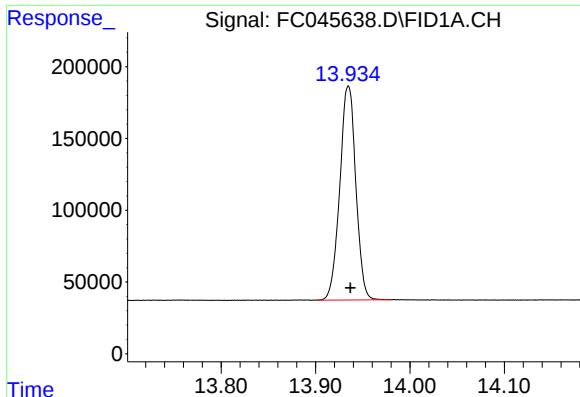
#11 n-Heneicosane (C21)

R.T.: 13.350 min
Delta R.T.: -0.002 min
Response: 1791600
Conc: 17.31 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.187 min
Delta R.T.: -0.001 min
Response: 1498844
Conc: 17.24 ug/ml



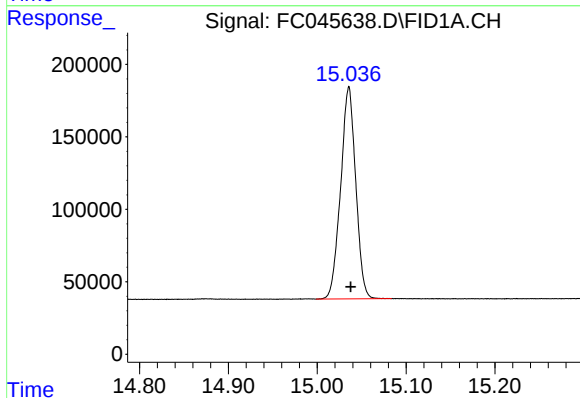
#13 n-Docosane (C22)

R.T.: 13.935 min
Delta R.T.: -0.002 min
Response: 1758897
Conc: 17.05 ug/ml

Instrument :
FID_C
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20 PPM ALIPHATIC HC STD

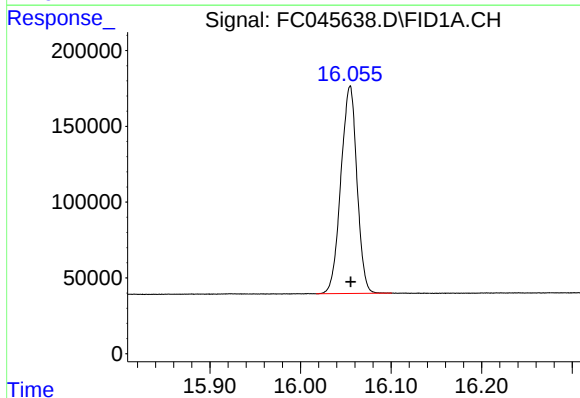
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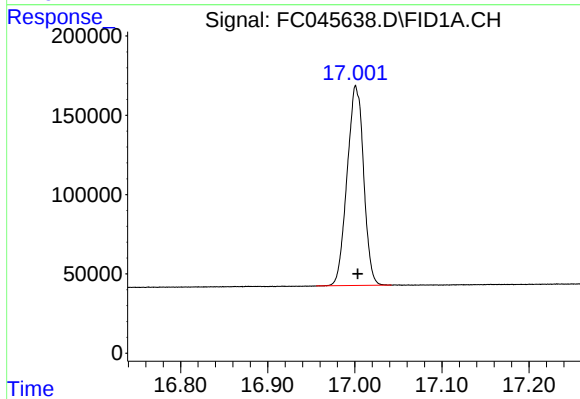
#14 n-Tetracosane (C24)

R.T.: 15.036 min
Delta R.T.: -0.002 min
Response: 1728708
Conc: 16.64 ug/ml



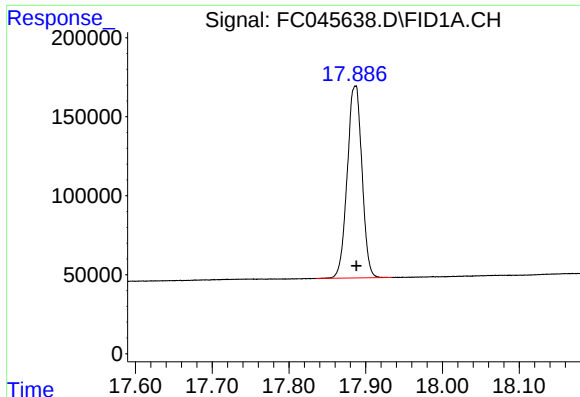
#15 n-Hexacosane (C26)

R.T.: 16.055 min
Delta R.T.: 0.000 min
Response: 1687995
Conc: 16.34 ug/ml



#16 n-Octacosane (C28)

R.T.: 17.001 min
Delta R.T.: -0.002 min
Response: 1658921
Conc: 16.23 ug/ml



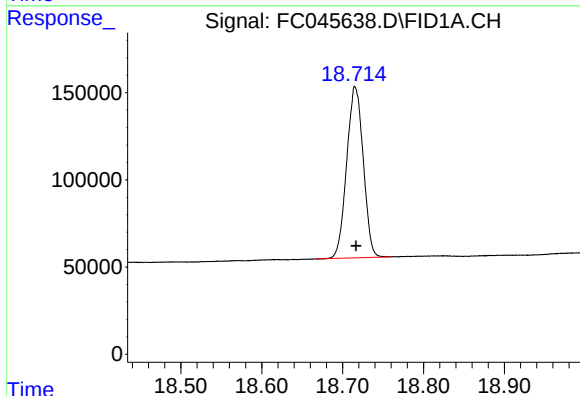
#17 n-Tricontane (C30)

R.T.: 17.886 min
Delta R.T.: -0.002 min
Response: 1618168
Conc: 16.48 ug/ml

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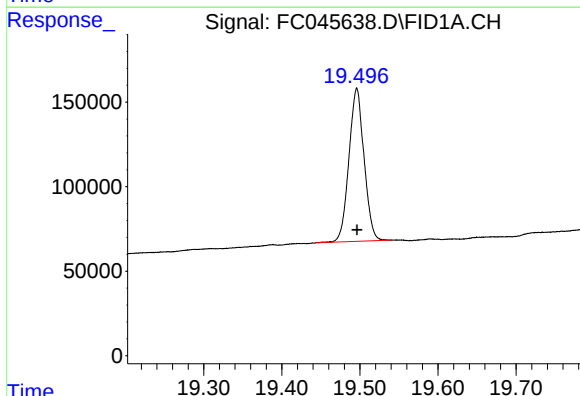
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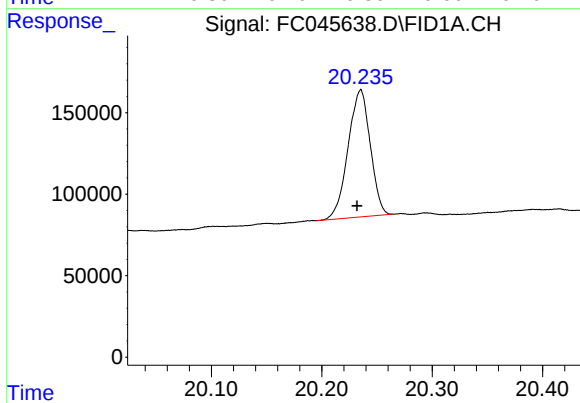
#18 n-Dotriacontane (C32)

R.T.: 18.716 min
Delta R.T.: -0.001 min
Response: 1394521
Conc: 16.76 ug/ml



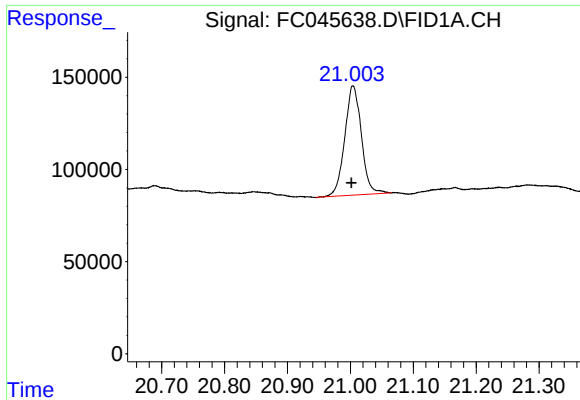
#19 n-Tetratriacontane (C34)

R.T.: 19.496 min
Delta R.T.: 0.000 min
Response: 1213864
Conc: 17.15 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.235 min
Delta R.T.: 0.003 min
Response: 1089314
Conc: 16.99 ug/ml m



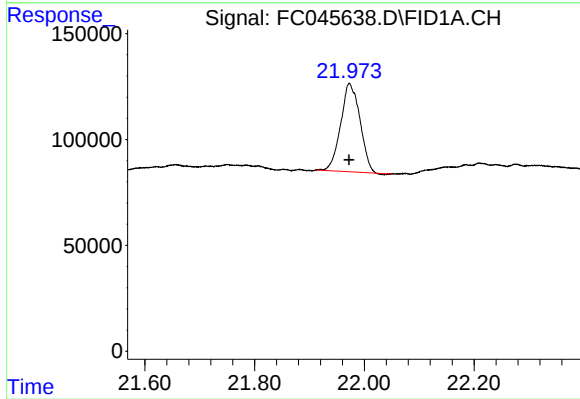
#21 n-Octatriacontane (C38)

R.T.: 21.004 min
Delta R.T.: 0.003 min
Response: 1088254
Conc: 18.61 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.973 min
Delta R.T.: 0.000 min
Response: 1013025
Conc: 17.17 ug/ml